

ABSTRACT

The invention contemplates an antenna device, system and method of installing the antenna device for receiving a wireless signal at a pad mounted electrical transformer. The novel device includes an antenna capable of communicating the wireless signal and a material located around the antenna. The material facilitates attachment to the pad mounted electrical transformer as well as preventing access to the antenna. The antenna may be covered by or embedded within the material. The material may be emissive and/or insulative. In addition, the device may include a conductor that passes through an enclosure of the pad mounted transformer. The conductor may be communicatively coupled to a first communication device that provides communication to a customer premise that is electrically coupled to the pad mounted electrical transformer.